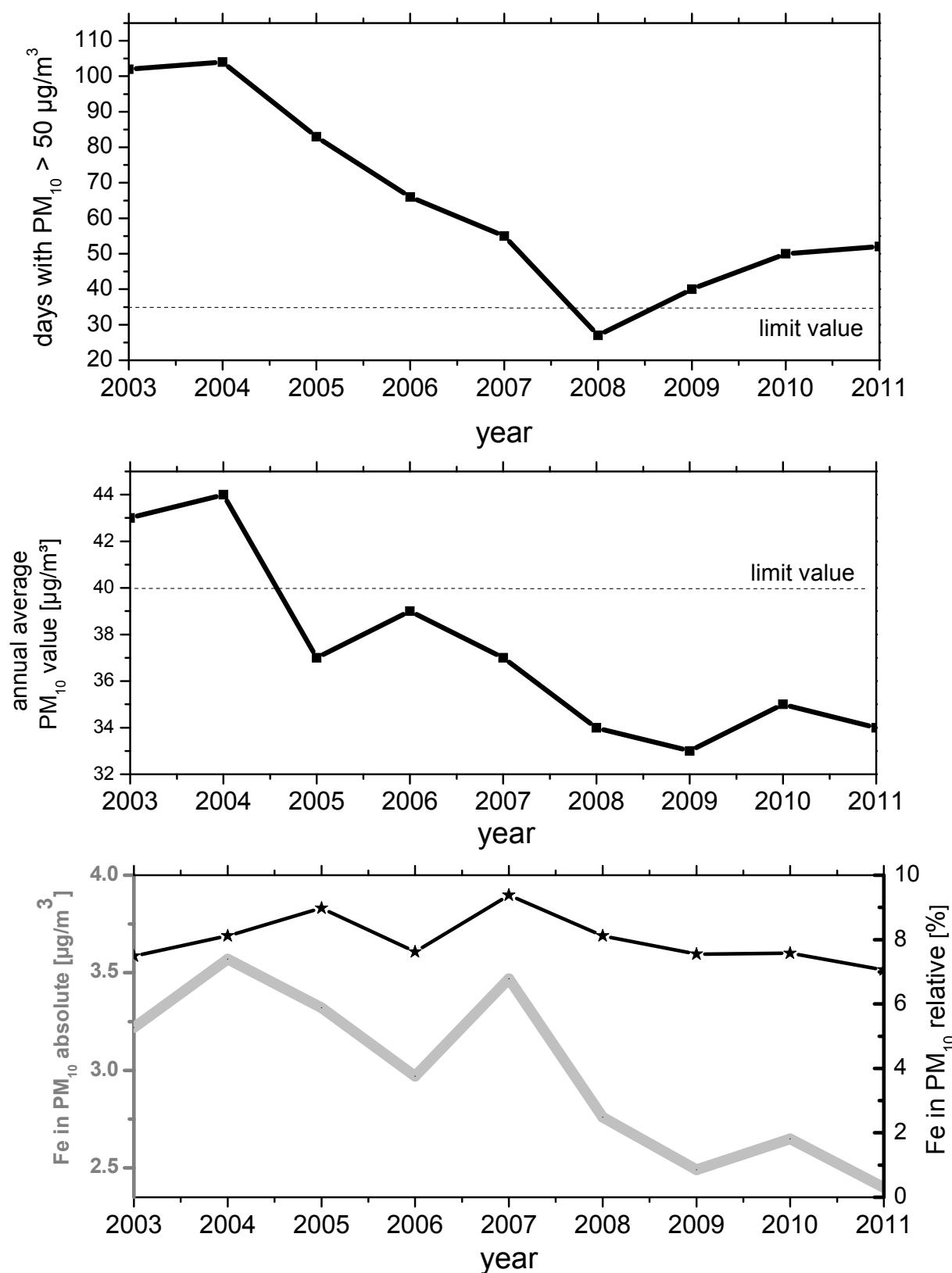


## Electronic supplementary information



**Figure S1:** Annual number of  $\text{PM}_{10}$  exceeding days (top), annual mean values of  $\text{PM}_{10}$  (middle), and annual absolute and relative iron abundance within  $\text{PM}_{10}$  (bottom) at the

monitoring station DUM2 in Duisburg-Marxloh (Landesamt für Natur, Umwelt und Verbraucherschutz Nordrhein-Westfalen, Essen, Germany; data available at: [http://www.lanuv.nrw.de/luft/immissionen/ber\\_trend/kenn.htm](http://www.lanuv.nrw.de/luft/immissionen/ber_trend/kenn.htm)).